## Rec'd PCT/PTO 21 APR 2006 10/528948

## SEQUENCE LISTING

<110>	SHELLEY, CARL SIMON FAROKHZAD, OMID C.	
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Ile Thr Ser Asp Pro Lys Ala Asp Ser Thr Gly Asp Gln Thr Ser Ala

Leu Pro Pro Ser Thr Ser Ile Asn Glu Gly Ser Pro Leu Trp Thr Ser 70

Ile Gly Ala Ser Thr Gly Ser Pro Leu Pro Glu Pro Thr Thr Tyr Gln

Glu Val Ser Ile Lys Met Ser Ser Val Pro Gln Glu Thr Pro His Ala

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Thr Val Thr Gly Gly Thr Ile Thr Thr Asn Ser Pro Glu Thr Ser Ser 135

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Ser Arg Gly Thr Ser Gly Pro Pro Leu Thr Met Ala Thr Val Ser Leu 170

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<213> Homo sapiens leukosialin (CD43)

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Leu Pro Pro Ser Thr Ser Ile Asn Glu Gly Ser Pro Leu Trp Thr Ser 65 70 75 80

Ile Gly Ala Ser Thr Gly Ser Pro Leu Pro Glu Pro Thr Thr Tyr Gln 85 90 95

Glu Val Ser Ile Lys Met Ser Ser Val Pro Gln Glu Thr Pro His Ala 100 \$105\$

Thr Ser His Pro Ala Val Pro Ile Thr Ala Asn Ser Leu Gly Ser His 120 Thr Val Thr Gly Gly Thr Ile Thr Thr Asn Ser Pro Glu Thr Ser Ser Arg Thr Ser Gly Ala Pro Val Thr Thr Ala Ala Ser Ser Leu Glu Thr 150 155 Ser Arg Gly Thr Ser Gly Pro Pro Leu Thr Met Ala Thr Val Ser Leu 170 Glu Thr Ser Lys Gly Thr Ser Gly Pro Pro Val Thr Met Ala Thr Asp Ser Leu Glu Thr Ser Thr Gly Thr Thr Gly Pro Pro Val Thr Met Thr Thr Gly Ser Leu Glu Pro Ser Ser Gly Ala Ser Gly Pro Gln Val Ser Ser Val Lys Leu Ser Thr Met Met Ser Pro Thr Thr Ser Thr Asn Ala 230 235 Ser Thr Val Pro Phe Arg Asn Pro Asp Glu Asn Ser Arg Gly Met Leu 250 Pro Val Ala Val Leu Val Ala Leu Leu Ala Val Ile Val Leu Val Ala Leu Leu Leu Trp Arg Arg Gln Lys Arg Arg Thr Gly Ala Leu Val Leu Ser Arg Gly Gly Lys Arg Asn Gly Val Val Asp Ala Trp Ala Gly Pro Ala Gln Val Pro Glu Glu Gly Ala Val Thr Val Thr Val Gly Gly Ser Gly Gly Asp Lys Gly Ser Gly Phe Pro Asp Gly Glu Gly Ser 325 330 Ser Arg Arg Pro Thr Leu Thr Thr Phe Phe Gly Arg Arg Lys Ser Arg Gln Gly Ser Leu Ala Met Glu Glu Leu Lys Ser Gly Ser Gly Pro Ser Leu Lys Gly Glu Glu Glu Pro Leu Val Ala Ser Glu Asp Gly Ala Val 375 380

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Leu Pro Pro Ser Thr Ser Ile Asn Glu Gly Ser Pro Leu Trp Thr Ser 65 70 75 80

Ile Gly Ala Ser Thr Gly Ser Pro Leu Pro Glu Pro Thr Thr Tyr Gln 85 90 95

Glu Val Ser Ile Lys Met Ser Ser Val Pro Gln Glu Thr Pro His Ala 100 105 110

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Arg Thr Ser Gly Ala Pro Val Thr Thr Ala Ala Ser Ser Leu Glu Thr 145 150 155 160

Ser Arg Gly Thr Ser Gly Pro Pro Leu Thr Met Ala Thr Val Ser Leu 165 170 175

Glu Thr Ser Lys Gly Thr Ser Gly Pro Pro Val Thr Met Ala Thr Asp 180 185 190

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Ser Val Lys Leu Ser Thr Met Met Ser Pro Thr Thr Ser Thr Asn Ala 225 230 235 240

Ser Thr Val Pro Phe Arg Asn Pro Asp Glu Asn Ser Arg Gly Met Leu 245 250 255

Pro Val Ala Val Leu Val Ala Leu Leu Ala Val Ile Val Leu Val Ala 260 265 270

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Leu Val Ser Thr Ser Glu Pro Leu Ser Ser Lys Met Tyr Thr Thr Ser 35 40 45

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Leu Pro Pro Ser Thr Ser Ile Asn Glu Gly Ser Pro Leu Trp Thr Ser 65 70 75 80

Ile Gly Ala Ser Thr Gly Ser Pro Leu Pro Glu Pro Thr Thr Tyr Gln 85 90 95

Glu Val Ser Ile Lys Met Ser Ser Val Pro Gln Glu Thr Pro His Ala 100 105 110

Thr Ser His Pro Ala Val Pro Ile Thr Ala Asn Ser Leu Gly Ser His 115 120 125

Thr Val Thr Gly Gly Thr Ile Thr Thr Asn Ser Pro Glu Thr Ser Ser 130 135 140

Arg Thr Ser Gly Ala Pro Val Thr Thr Ala Ala Ser Ser Leu Glu Thr 145  $\phantom{\bigg|}$  150  $\phantom{\bigg|}$  155  $\phantom{\bigg|}$  160

Ser Arg Gly Thr Ser Gly Pro Pro Leu Thr Met Ala Thr Val Ser Leu 165 170 175

Glu Thr Ser Lys Gly Thr Ser Gly Pro Pro Val Thr Met Ala Thr Asp 180 185 190

Ser Leu Glu Thr Ser Thr Gly Thr Thr Gly Pro Pro Val Thr Met Thr 195 200 205

Thr Gly Ser Leu Glu Pro Ser Ser Gly Ala Ser Gly Pro Gln Val Ser 210 215 220

Ser Val Lys Leu Ser Thr Met Met Ser Pro Thr Thr Ser Thr Asn Ala 225 230 235 240

Ser Thr Val Pro Phe Arg Asn Pro Asp Glu Asn Ser Arg Gly Met Leu 245 250 255

Pro Val Ala Val Leu Val Ala Leu Leu Ala Val Ile Val Leu Val Ala 260 265 270

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Gly Ala Pro Gly Gly Leu Gln His Glu Thr Gln Glu Leu Ala Ser Lys 50 55 60

Arg Val Asp Ile Gln Asn Lys Arg Phe Tyr Leu Asp Val Lys Gln Asn 65 70 75 80

Ala Lys Gly Arg Phe Leu Lys Ile Ala Glu Val Gly Ala Gly Gly Asn 85 90 95

Lys Ser Arg Leu Thr Leu Ser Met Ser Val Ala Val Glu Phe Arg Asp 100 105 110

Tyr Leu Gly Asp Phe Ile Glu His Tyr Ala Gln Leu Gly Pro Ser Gln 115 120 125

Pro Pro Asp Leu Ala Gln Ala Gln Asp Glu Pro Arg Arg Ala Leu Lys 130 135 140

Ser Glu Phe Leu Val Arg Glu Asn Arg Lys Tyr Tyr Met Asp Leu Lys 145 150 155 160

Glu Asn Gln Arg Gly Arg Phe Leu Arg Ile Arg Gln Thr Val Asn Arg 165 170 175

Gly Pro Gly Leu Gly Ser Thr Gln Gly Gln Thr Ile Ala Leu Pro Ala 180 185 190

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Tyr Gly Val Glu Glu Glu Pro Ala Glu Leu Pro Glu Gly Thr Ser Leu
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Thr Val Asp Asn Lys Arg Phe Phe Phe Asp Val Gly Ser Asn Lys Tyr
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Gly Val Phe Met Arg Val Ser Glu Val Lys Pro Thr Tyr Arg Asn Ser
Ile Thr Val Pro Tyr Lys Val Trp Ala Lys Phe Gly His Thr Phe Cys
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Lys Tyr Ser Glu Glu Met Lys Lys Ile Gln Glu Lys Gln Arg Glu Lys
Arg Ala Ala Cys Glu Gln Leu His Gln Gln Gln Gln Gln Gln Gln Gln Gln
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